#3/I.D.S.

		, (9		<u>u</u>									
	•	TO THE	ארו א רוב	MART		Complete if Known							
RADEMARK						Application Number (09/982,968			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Filin	g Da	ite	22 October 2001					
					First	l Nar	ned Inventor	Charles B. GRISSOM					
					Gro	up A	rt Unit	1635 CEIVE					
						mine	r Name	JAN 0 7 2002					
Sheet 1 of 2					Atto	Attorney Docket Number			2317-107				
		. <u></u>			U.S. P.	ATE	NT DOCUMENTS			TEUN OF WICH IS	10 0 -		
		ι	J.S. Pa	tent Docume	I								
Examiner Initials*	The state of the s				ind Cod					Date of Publication of Cited Document MM-DD-YYYY			
(3)	1	4758421					Goodwin et al.			07-19-1988			
00	2	504722	7				Rodwell et al.			09-10-1991			
	3	5428023					Russell-Jones et a		06-27-1995				
	4	5512443				Schlom et al.				04-30-1996			
	5	5589463				Russell-Jones et al.				12-31-1996			
	6	5608046					Cook et al.			03-04-1997			
\bigvee	7	5763569				Brown et al.				06-09-1998			
			_	FO	REIGN	I PA	TENT DOCUMENT	TS					
		F	Foreign Patent Document							Date of Publication of			
Examiner Initials*	l No! I				d ⁵ own)	Name of Patentee of Applicant of			Cited Document MM-DD-YYYY				
12	_ 8	wo	95/27	7723			Morgan et al.		10-19-1995				
110	_												
			0	THER PRIOR	ART - N	ION P	ATENT LITERATURE	DOCUMENTS					
Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published										T ²			
()2	9		Russell-Jones, G.J., et al., "Vitamin B ₁₂ Mediated Oral Delivery Systems for Granulocyte-Colony Stimulating Factor and Erythropoietin", <i>Bioconjugate Chem.</i> , 1995, 6:459-465.										
40	10	phena	Routier, S. et al., "Synthesis of metal complexes of 2,9-bis(2-hydroxyphenyl)-1,10-phenanthroline and their DNA binding and cleaving activities", <i>J Chem Soc Perin Trans</i> , 1998, 2:863-868.										
Examiner Signature			_2	~				Date Considered EP 609. Draw line thro	6	125/03)		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

, , ,		19								
	- ,	· No.	AL S		Complete if Known	JAN 0 7	200			
INFORMATION DISCLOSURE				Application Number 09/982 EGH CENTER 1600						
				Filing Date 22 October 2001						
STATEMENŢ BY APPLICANT			•	First Named Inventor Charles B. GRISSOM						
				Group Art Unit 1635						
				Examiner Name						
Sheet	2	of	2	Attorney Docket Number	2317	-107				
	····	OTHER	PRIOR A	ART - NON PATENT LITERATURE	DOCUMENTS					
Examiner Initials*	Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published							
73	11		Osinsky, S.P. et al., "Modifying Effect of Organocobalt Complexes on the Tumour Response to Anticancer Treatments", <i>Anticancer Res</i> , 1997, 17:3457-3462.							
00	12	· '	Mandal, S.S. et al., "Role of the Central Metal Ion and Ligand Charge in the DNA Binding and Modification by Metallosalen Complexes", <i>Bioconjugate Chem</i> , 1997, 8:798-812.							
,	13	Marzilli, L.G. et al., "Transfer of Organometallic Chemistry of Substituent Constants form Organic Chemistry. 1. Resolution of Longstanding Anomalies in the Chemistry of Organocobalt B ₁₂ Models and Organocobalamins", <i>J Am Chem Soc</i> , 1987, 109:6045-6052.								
	14	Vol'pin, M. et al., "New Course in the Search for Antitumor Agent: The Use of pH-Dependent Sources of Reactive Radicals", <i>Agnew Chem Int Ed Engl</i> , 1996, 35:2395-2396.								
	15	Natarajan, E.N and Grissom, C.B., "Magnetic Field Effects on the Photolysis of Alkyl-Cobalt Complexes", <i>Abstracts of Papers of Am Chem Society</i> , 1996, 213:17-INOR.								
	16	Grissom, C.B. and Chagovetz, A.M, "Magnetic Field Effects in Model B12 Enzymatic Reactions. The Photolysis of Methylcob(III)alamin", <i>Zeit Physik Chem</i> , 1993, 182:181-188.								
	17	Verma, I.M. and Somia, N., "Gene therapy - promises, problems and prospects", <i>Nature</i> , 1997, 389:239-242.								
	18	Crystal, R.G., "Transfer of Genes to Humans: Early Lessons and Obstacles to Success", Science, 1995, 270:404-410.								
	19	Branch, A.D., "A g 50.	ood an	tisense molecule is hard to fi	nd", <i>Trends Biochem</i> S	ci, 1998, 23:45-	\ \			
	20	Friedman, T., "Overcoming the Obstacles", Scientific American, June 1997, 96-101.								
	21	Schofield, J.P. and Caskey, C.T., "Non-viral appoaches to gene therapy", <i>Bri Med Bull</i> , 1995, 51:56-71.								
	22		Cooke, S.T., "Basic Principles of Antisense Therapeutics", in <i>Antisense Research and Application</i> , 1998, 1-50, Agrawal, T. et al., eds., Springer-Verlag, Berlin.							
	23	Hogenkamp, H.P.C. et al., "Diagnostic and Therapeutic Analogues of Cobalamin", in Chemistry and Biochemistry of B12, 1999, 386-410, Banerjee, R. ed., John Wiley & Sons, New York.								
Examiner Signature		120			Date Considered	1,46	<u> </u>			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include dopy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind

Complete if Known 09/982,968 **Application Number** I PIMPORMATION DISCLOSURE 22 October 2001 Filing Date EMENT BY APPLICANT Charles B. GRISSON First Named Inventor 1635 **Group Art Unit** Not Assigned **Examiner Name** 2317-107 2 Attorney Docket Number of 1 Sheet **U.S. PATENT DOCUMENTS** U.S. Patent Document **Date of Publication** Name of Patentee or Applicant of Cited Document of Cited Document Cite Examiner Kind Code² Number MM-DD-YYYY Initials* No.1 (if known) AUG 2 8 2002 TECH CENTER 1600/2900 FOREIGN PATENT DOCUMENTS Foreign Patent Document Date of Publication of **Cited Document** Name of Patentee of Applicant of Cite Examiner Kind^{5} Number⁴ T⁶ Office³ **Cited Document** MM-DD-YYYY No.1 Initials* (if known) Code 10/18/1990 Purdue Research Foundation WO 90/12095 **A1** 12/08/1994 Biotech Australia Pty. Limited **A1** WO 94/28015 12/08/1994 Biotech Australia Pty. Limited Α1 94/27613 WO 02/15/1996 A1 Amgen Inc. WO 96/04016

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner

Date

Considered

6

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

المستعدد								 1			
					(Complete if Kno	own				
					Application Number 09/982,968						
RIFORMATION DISCLOSURE				URE	Filing Date	001					
STATEMENT BY APPLICANT					First Named Inventor Charles B. GRISSON						
TRADEMATINE S					Group Art Unit 1635						
					Examiner Name	Not Assigned					
Sheet	2	2 of 2		2	Attorney Docket Number	2317-107					
		(OTHER F	PRIOR ART	- NON PATENT LITERATU	JRE DOCUME	NTS				
Examiner Initials* Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published								T ²			
93	,	Coba	P.M. Pathare et al., "Synthesis of Cobalamin-Biotin Conjugates that Vary in the Position of Cobalamin Coupling. Evaluation of Cobalamin Derivative Binding to Transcobalamin II," 6148 Bioconjugate Chemistry 7(20): 217-232, March/April 1996, XP 000558422.								
		A. Ba April	A. Bayomi et al., "Triggered Release of Chlorambucil from an Inactive Bioconjugate," p. 123, April 13, 1997, XP-001073706 (online abstract).								
		A. Ba S297	A. Bayomi et al., "Preparation and Study of Photolabile Cobalt-Antitumor Drug Conjugates," S297, September 1996, XP-001073707 (online abstract).								
						···					
	_						RECEIVED				
							AUG 2 8 2002	┼			
						TEC	H CENTER 1600/2900	_			
1											
Examiner Signature	(\int	2			Date Considered	6/24/03	,			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1Unique citation designation number. 2Applicant is to place a check mark here if English language Translation is attached.